

MULTIMEDIA DATA/VIDEO PROJECTORS



Projecting greater focus, In the classroom!

NEW



EX51U

Mobile XGA



Functional Performance at its best

- 2600 ANSI lumens of outstanding brightness
- 2000:1 rich contrast ratio
- Super low noise operation at 29dBA (low mode)
- Center lens design for easy symmetrical installation
- Splash screen and wall screen support
- Audio and video inputs for computers and video sources



Splash screen

Lower Cost of Ownership for a Better Investment

- Long-life lamp of 4000 hours (low mode)
- Top-access lamp cover for easy lamp replacement
- Filter-free design
- Enhanced security features with reinforced anti-theft bar and password protection
- Time-saving instant shut down feature



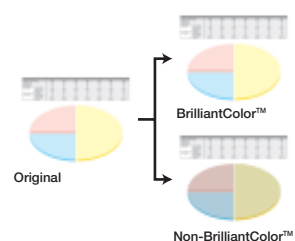
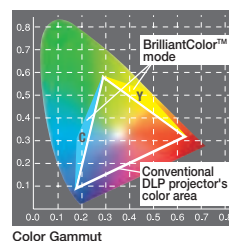
Top Access Lamp Cover

BrilliantColor™ Technology and MitsubishiElectric's Engineering Yields Superior Color Performance

BrilliantColor™ Technology is Texas Instruments' latest innovation in producing amazing rich and vibrant colors. At MitsubishiElectric, we developed a 6-segment color wheel that includes the colors of R,G,B,W,Y,C. Apart from the typical red, green, blue and white, we added yellow and cyan segments to display a wider color spectrum. In addition, we coded our color algorithms to emphasize brightness or color modes, designed to match the environment where the EX51U is used.

Together with selective lamp powered modulation techniques, the EX51U with BrilliantColor™ technology acts intelligently to boost colors to improve the intensity and vibrancy of an entire display. For instance, when projecting an already-bright screen image, the lamp is programmed to provide brighter, more vivid colors. In contrast, if the image shows genuine color reproduction, the algorithm delivers just the right colors with the appropriate radiance for maximum visual impact.

* BrilliantColor is a trademark of Texas Instruments.



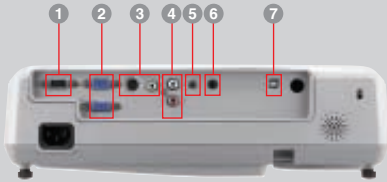
NEW



EX51U

Mobile XGA

Input and Output Terminals



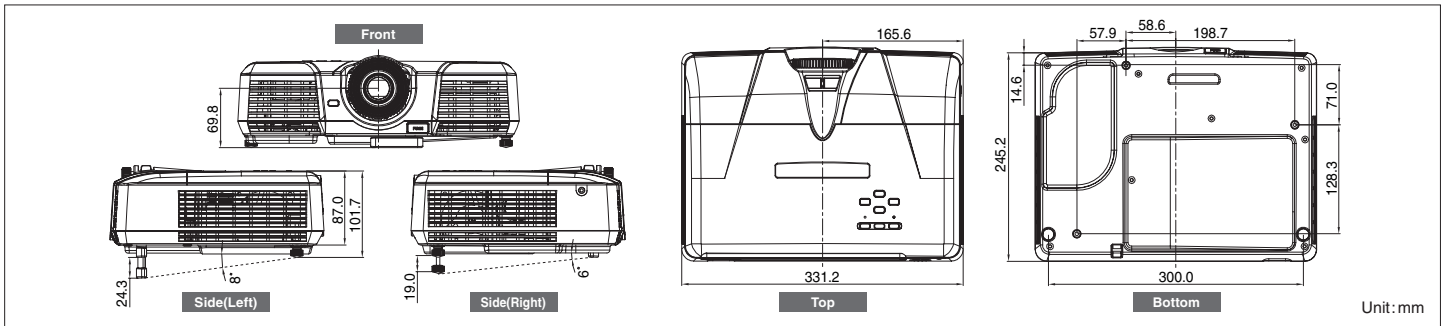
- 1 PC / Component Video output
- 2 PC / Component Video input (mini D-sub 15pin)
- 3 S-Video / RCA
- 4 Audio input [RCA jack (L/R)]
- 5 Audio input (stereo mini jack)
- 6 Audio output
- 7 USB terminal for Page Up/Down

Specifications

Model	EX51U
Display technology	0.55"1-Chip DMD
Resolution	1024 x 768 (total 786,432 pixels)
Brightness	2600lm
Contrast	2000:1
Picture Size	40"~300"
Source lamp	180W (Shut Off Time 4000Hrs) with Low Mode, 230W (Shut Off Time 2000Hrs) with Standard Mode
Computer compatibility	640 x 480 ~ 1280 x 1024 True: 1024 x 768, Sync on green available
Video compatibility	NTSC / NTSC4.43 / PAL (including PAL-M, N) / SECAM/PAL-60, Component Video : 480i/p (525i/p), 576i/p (625i/p), 720p (750p), 1080i (1125i 60Hz), 1080i (1125i 50Hz)
Input terminals	RGB : mini D-sub15pin x 2, Video : RCA x 1 + S-video x 1 Audio : stereo mini jack (φ 3.5mm) x 1, RCA jack (L/R) x 1
Output terminals	RGB : mini D-sub15pin x 1, Audio : stereo mini jack (φ 3.5mm) x 1
Communication terminals	USB terminal for Page Up/Down x 1
Audio speaker	2W mono
Fan noise	29dBA (Low Mode)
Dimensions(WxHxD)	332 x 102 x 250 mm / 13.1 x 4.0 x 9.8 inch (excluding height adjustment)
Weight	2.9kg / 6.5lbs
Power supply	AC100-240V, 50/60Hz
Optional lamp	VLT-XD510LP

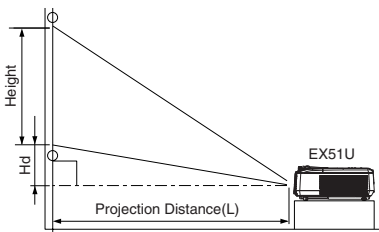
*All brand names and product names are trademarks, registered trademarks or trade names of their respective holders.

Dimensions



Screen size and Projection distance

As seen from the side



Screen size chart

Screen (4:3 aspect ratio)						Distance from screen (L)		Height projected image (Hd)	Screen (16:9 aspect ratio)						Distance from screen (L)		Height projected image (Hd)						
Diagonal size		Width (W)		Height (H)		Shortest	Longest		Diagonal size		Width (W)		Height (H)		Shortest	Longest							
inch	cm	inch	cm	inch	cm	inch	m	inch	cm	inch	cm	inch	cm	inch	m	inch	m	inch	cm				
40	102	32	81	24	61	51	1.3	62	1.6	1.8	5	40	102	35	89	20	50	56	1.4	68	1.7	5.2	13
60	152	48	122	36	91	77	2.0	94	2.4	2.7	7	60	152	52	133	29	75	84	2.1	102	2.6	7.9	20
80	203	64	163	48	122	103	2.6	125	3.2	3.6	9	80	203	70	177	39	100	113	2.9	137	3.5	10.5	27
100	254	80	203	60	152	129	3.3	157	4.0	4.5	11	100	254	87	221	49	125	141	3.6	171	4.4	13.1	33
150	381	120	305	90	229	195	4.9	236	6.0	6.8	17	150	381	131	332	74	187	213	5.4	258	6.5	19.6	50
200	508	160	406	120	305	260	6.6	315	8.0	9.0	23	200	508	174	443	98	249	284	7.2	344	8.7	26.2	66
250	635	200	508	150	381	326	8.3	394	10.0	11.3	29	250	635	218	553	123	311	356	9.0	430	10.9	32.7	83
300	762	240	610	180	457	391	9.9	-	-	13.5	34	300	762	261	664	147	374	427	10.8	-	-	39.3	100

The above numbers are approximate, and may be slightly different from the actual measurements.

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To find out more about EX51U and our projectors, visit us at

Global.MitsubishiElectric.com/projectors/